

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-3. (canceled)

4. (currently amended) An Al-Mg alloy that has been subjected to at least one sensitization treatment conducted from 80-200 degrees C, said alloy having the same composition as a comprising a modified AA5083 alloy, but modified to contain[[ing]] 0.05 to 0.2% Cu, 0.3 to 0.6% Zn, and <0.05% Zr.

5. (canceled)

6. (canceled)

7. (currently amended) An Al-Mg-alloy comprising an modified AA5083 alloy that has been modified to contain[[ing]] 0.05 to 0.2% Cu, 0.3 to 0.6% Zn, and <0.05% Zr, wherein upon being subjected to a sensitization treatment at a temperature from 80-200°C, a quaternary Al-Mg-Zn-Cu phase is formed at grain boundaries.

8. (cancelled)

9. (currently amended) An Al-Mg alloy consisting essentially of an modified AA5083 alloy that has been modified to contain[[ing]] 0.05 to 0.2% Cu, 0.3 to 0.6% Zn, <0.05% Zr, ~~and 0.03-0.23 Ag~~.

10-15. (canceled)

16. (currently amended) A marine product, railcar product, dump body, chemical tank car[[s]], cryogenic application and/or auto body panel comprising an Al-Mg alloy according to claim 4.

17-21. (canceled)

22. (currently amended) A marine product, railcar product, dump body, chemical tank car[[s]], cryogenic application and/or auto body panel comprising an Al-Mg alloy according to claim 7.

23. (canceled)

24. (currently amended) A marine product, railcar product, dump body, chemical tank car[[s]], cryogenic application and/or auto body panel comprising an Al-Mg alloy according to claim 9.

25-37. (canceled)

38. (previously presented) An Al-Mg alloy according to claim 7, comprising a tau phase having an average size from about 0.1 to about 1 gm and a mass loss according to ASTM G 67 of less than about 40 mg/cm².

39. (previously presented) An Al-Mg alloy according to claim 38, wherein said mass loss is less than about 27 mg/cm².

40-41. (canceled)

42. (previously presented) An Al-Mg alloy according to Claim 9, wherein upon being subjected to a sensitization treatment at a temperature from 80 to 200 °C, a quaternary Al-Mg-Zn-Cu phase is formed at grain boundaries.

43. (canceled)